

Message

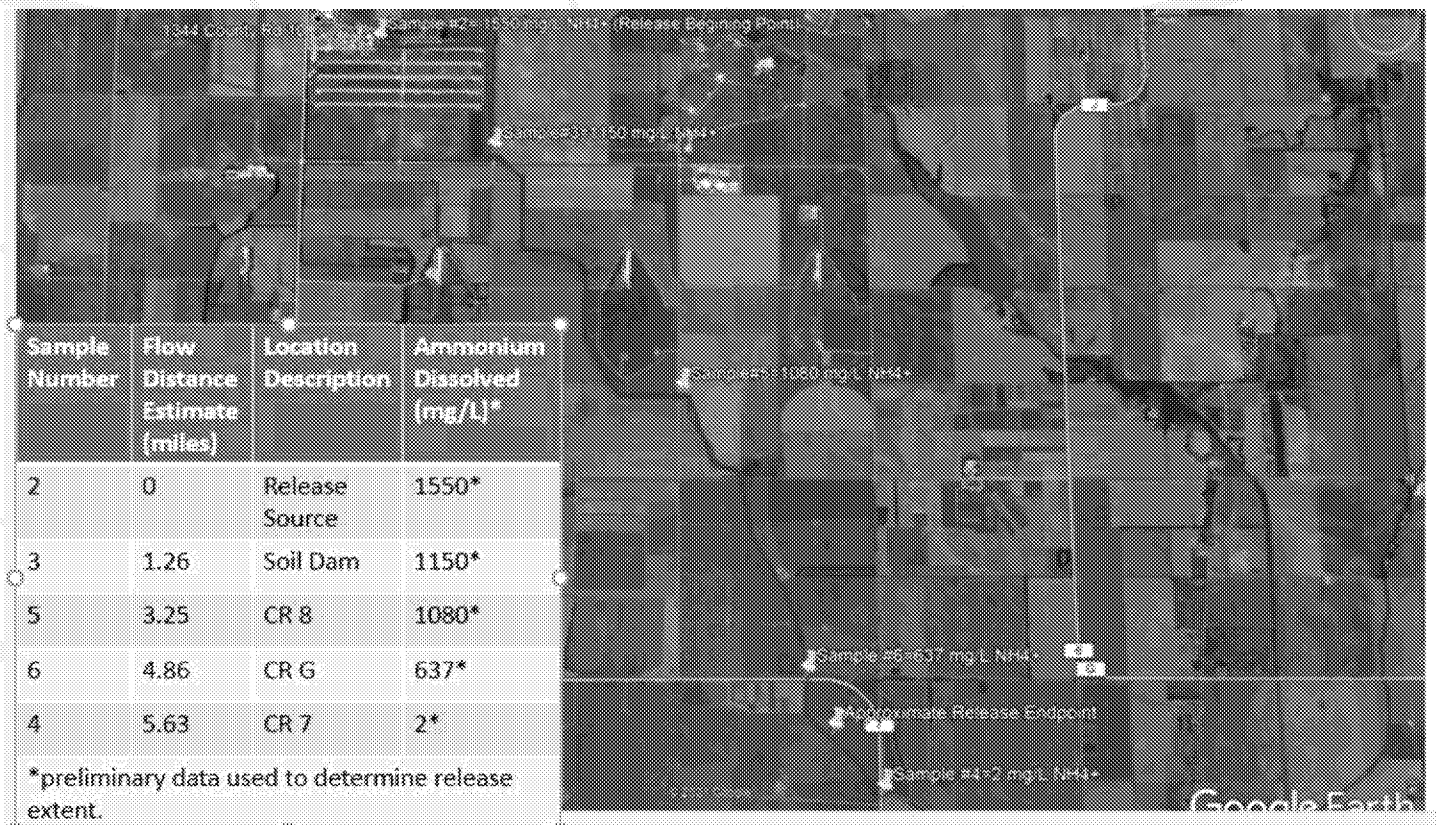
From: O'Connor, Daniel [oconnor.daniel@epa.gov]
Sent: 2/23/2021 12:43:34 PM
To: Schumacher, Kelly [Schumacher.Kelly@epa.gov]; Madden, Venessa [Madden.Venessa@epa.gov]
CC: Ferguson, Doug [Ferguson.Doug@epa.gov]
Subject: FW: AltEn Release Assessment Update

FYI, regarding ammonia and chlorpyrifos results for AltEn.

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From: Ferguson, Doug <Ferguson.Doug@epa.gov>
Sent: Monday, February 22, 2021 4:14 PM
To: O'Connor, Daniel <oconnor.daniel@epa.gov>
Cc: amanda_ciurej_fws.gov <amanda_ciurej@fws.gov>; kirk.morrow@nebraska.gov
Subject: AltEn Release Assessment Update

Preliminary data for dissolved ammonia as an indicator of the extent of flow from the facility (see image below). These samples were collected 2/13/2021 and 2/14/2021 and the release extent may have changed due to snow melt etc. Preliminary data for the organophosphate pesticide, Chlorpyrifos, was non-detect in all samples. Data for the remaining analytes is expected later this week.



The responsible party has collection points in the flowpath where they plan to remove the released material to their on-site emergency lagoon at the southeast corner of the facility property. Estimates taken from a Google Earth photo of the lagoon measure an estimated perimeter of 3,068 feet, surface area of 294,888 square feet yielding a volume of about 2,244,300 gallons per foot of depth. I don't know the current amount of freeboard on this lagoon, but 3 feet of depth would get them in the 6,000,000 gallon range.

The State of Nebraska is the lead for the site and is working with the facility to complete the cleanup action.

Thank you,